

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 July 2005 (21.07.2005)

PCT

(10) International Publication Number
WO 2005/065956 A1

(51) International Patent Classification⁷: B41M 3/14,
D21H 21/40

(21) International Application Number:
PCT/FI2005/000005

(22) International Filing Date: 4 January 2005 (04.01.2005)

(25) Filing Language: Finnish

(26) Publication Language: English

(30) Priority Data:
20040006 5 January 2004 (05.01.2004) FI

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

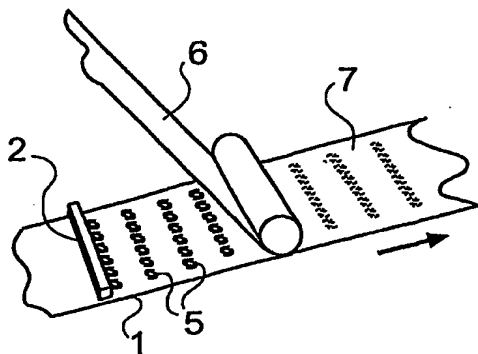
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: A METHOD FOR PRODUCING IDENTIFICATION MARKS ON PAPER OR BOARD AND A MARKED MATE-
RIAL MADE WITH THE METHOD



(57) Abstract: The invention comprises a method for producing
identification marks (5) on layer-structured paper or board (7) to
be manufactured in a continuous web and the marked papers and
boards obtained with this method. With this method, the marks
(5) are made with a laser beam on a moving web from fiber layer
(1), on which a second layer of material (6) is subsequently overlaid
in such a way that the marks remain inside the layer-structure
of the moving web. The second material layer (6) may comprise
a second fiber layer or, for example, a polymer coating. The laser
marking could take place, for example, by burning the surface of
the fiber layer (1) or by engraving it. Inside the layer structure,
the marks (5) are protected, but detectable with a detector to en-
sure the authenticity of the material: The marked paper or board
is suitable for product packages to be protected against product
forgeries.

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